

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	99	journey and user and tracking and map and intersect\$5 and gps	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:51
L2	119	(track\$3 with user\$1) and (cross\$3 with path\$2) and gps	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:51
L3	419	(hierarch\$6 with organi\$5) same cluster\$1	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:51
L4	62	single with item with cluster	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:51
L5	28	ignor\$3 with cluster\$1 with (small or single or limited)	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:52
L6	153	(ignor\$3 with set with single)	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:52
L7	29	((creat\$3 with link\$3) same (match\$3 or "same" or identical)) and (message adj board)	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:52
L8	89	(automatic adj linking) and web and page	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:52
L9	3729	715/513	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:52
L10	493	715/514	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:52
L11	632	715/512	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:52
L12	7650	705/1	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:52
L13	1221	705/5	US-PGPUB; USPAT	OR	OFF	2007/09/26 21:53

	U	1	Document ID	Issue Date	Pages
1	X		US 20070219706 A1	20070920	22
2	X		US 20070203768 A1	20070830	12
3	X		US 20070146325 A1	20070628	91
4	X		US 20070118281 A1	20070524	14
5	X		US 20070078599 A1	20070405	92
6	X		US 20070070069 A1	20070329	17
7	X		US 20070027628 A1	20070201	27
8	X		US 20070024501 A1	20070201	15
9	X		US 20070018890 A1	20070125	15
10			US 20060256005 A1	20061116	23
11	X		US 20060158330 A1	20060720	39
12	X		US 20060129308 A1	20060615	26
13			US 20050288046 A1	20051229	43
14			US 20050278114 A1	20051215	28
15			US 20050267651 A1	20051201	37

	Title
1	Method And Apparatus For Determining Relevant Point Of Interest Information Based Upon Route Of User
2	SYSTEM AND METHOD FOR DYNAMICALLY TRACKING AND STATE FORECASTING TAGGED ENTITIES
3	COMPUTER INPUT DEVICE ENABLING THREE DEGREES OF FREEDOM AND RELATED INPUT AND FEEDBACK METHODS
4	NAVIGATION DEVICE DISPLAYING TRAFFIC INFORMATION
5	Map display device and map display method
6	System and method for enhanced situation awareness and visualization of environments
7	A PERSONAL GPS NAVIGATION DEVICE
8	Multi-Function Apparatus and Related Method Integrated with Positioning/Orientation Mechanism
9	Multi-sensor wayfinding device
10	Intelligent utilization of battery and bandwidth resources in mobile devices
11	Traffic information dissemination
12	Management and navigation system for the blind
13	Automated location-intelligent traffic notification service systems and methods
14	Method and system for selecting destinations
15	System and method for knowledge-based emergency response

	U	1	Document ID	Issue Date	Pages
16			US 20050264404 A1	20051201	14
17			US 20050209770 A1	20050922	40
18			US 20050186965 A1	20050825	8
19			US 20050114014 A1	20050526	18
20			US 20050075119 A1	20050407	42
21			US 20050012023 A1	20050120	32
22			US 20040243307 A1	20041202	28
23			US 20040181495 A1	20040916	13
24			US 20040166864 A1	20040826	26
25			US 20040068364 A1	20040408	44
26			US 20030227392 A1	20031211	89
27			US 20030189498 A1	20031009	149
28			US 20030182052 A1	20030925	85
29			US 20030132855 A1	20030717	30
30			US 20030132854 A1	20030717	27

	Title
16	Vehicle warning system
17	System and method for knowledge-based emergency response
18	Method of enabling a wireless information device to access location data
19	System and method to notify a person of a traveler's estimated time of arrival
20	Method and system for dynamic estimation and predictive route generation
21	Ball tracking in three-dimensions
22	Personal GPS navigation device
23	Method and apparatus for a satellite positioning-based metering system for use in transport-related applications
24	Minimising signal interference within a wireless network
25	Automated location-intelligent traffic notification service systems and methods
26	Context-aware and real-time item tracking system architecture and scenarios
27	Charging device
28	Integrated routing/mapping information system
29	Data communication and coherence in a distributed item tracking system
30	Item tracking system architectures providing real-time visibility to supply chain

	U	1	Document ID	Issue Date	Pages
31			US 20030080869 A1	20030501	11
32			US 20030069683 A1	20030410	53
33			US 20030055983 A1	20030320	26
34			US 20020156572 A1	20021024	13
35			US 20020156556 A1	20021024	46
36			US 20020063654 A1	20020530	15
37			US 20020049522 A1	20020425	40
38			US 20020049521 A1	20020425	40
39			US 20020049517 A1	20020425	40
40			US 20020045455 A1	20020418	22
41			US 20010029425 A1	20011011	38
42	X		US 7269505 B2	20070911	44
43	X		US 7254481 B2	20070807	27
44	X		US 7221287 B2	20070522	38
45	X		US 7215255 B2	20070508	13
46			US 7043357 B1	20060509	24
47			US 7026984 B1	20060411	21
48			US 7026983 B2	20060411	22

	Title
31	Accurate stepmeter for location-based services
32	Traffic monitoring system and methods for traffic monitoring and route guidance useful therewith
33	Methods for providing a virtual journal
34	Method of compiling navigation route content
35	Multifunctional mobile appliance
36	Navigation apparatus
37	Multifunctional mobile appliance
38	Multifunctional mobile appliance
39	Multifunctional mobile appliance
40	Location data diffusion and location discovery
41	Real time vehicle guidance and traffic forecasting system
42	Automated location-intelligent traffic notification service systems and methods
43	Action support method and apparatus
44	Three-dimensional traffic report
45	Method and apparatus for a satellite positioning-based metering system for use in transport-related applications
46	Extensible navigation systems
47	Intelligent utilization of resources in mobile devices
48	Location data diffusion and location discovery

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49			US 7016781 B1	20060321	27
50			US 6978206 B1	20051220	24
51			US 6973384 B2	20051206	45
52			US 6968271 B1	20051122	27
53			US 6965827 B1	20051115	27
54			US 6959282 B2	20051025	144
55			US 6920390 B2	20050719	30
56			US 6901304 B2	20050531	27
57			US 6895329 B1	20050517	28
58			US 6801850 B1	20041005	27
59			US 6650975 B2	20031118	32
60			US 6615130 B2	20030902	39
61			US 6614352 B2	20030902	11
62			US 6611738 B2	20030826	45
63			US 6600981 B2	20030729	32
64			US 6526349 B2	20030225	13
65			US 6515621 B2	20030204	15
66			US 6502017 B2	20021231	34



	Title
49	Method and system for querying in a moving object database
50	Distributed navigation system
51	Automated location-intelligent traffic notification service systems and methods
52	Method and system for querying in a moving object database
53	Method and system for tracking moving objects
54	Charging device for transferring information relating to the collection of a toll on a moving body
55	Surface traffic movement system and method
56	Item tracking system architectures providing real-time visibility to supply chain
57	Method and system for querying in a moving object database
58	Method and system for tracking moving objects
59	Multifunctional mobile appliance
60	Real time vehicle guidance and traffic forecasting system
61	Accurate stepmeter for location-based services
62	Multifunctional mobile appliance
63	Multifunctional mobile appliance
64	Method of compiling navigation route content
65	Navigation apparatus
66	Multifunctional mobile appliance

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67			US 6490519 B1	20021203	49
68			US 6480783 B1	20021112	43
69			US 6433732 B1	20020813	11
70			US 6356836 B1	20020312	18
71			US 6338013 B1	20020108	36
72		X	US 6321158 B1	20011120	92
73			US 6320173 B1	20011120	32
74			US 6093923 A	20000725	31
75			US 5961571 A	19991005	37
76			US 5956250 A	19990921	124
77			US 5948040 A	19990907	60
78			US 5838562 A	19981117	125
79			US 5802492 A	19980901	63
80			US 5798519 A	19980825	31
81			US 5684696 A	19971104	126

	Title
67	Traffic monitoring system and methods for traffic monitoring and route guidance useful therewith
68	Real time vehicle guidance and forecasting system under traffic jam conditions
69	Package tracking system
70	Method and device for generating, merging and updating of destination tracking data
71	Multifunctional mobile appliance
72	Integrated routing/mapping information
73	Ball tracking system and methods
74	Golf driving range distancing apparatus and methods
75	Method and apparatus for automatically tracking the location of vehicles
76	Apparatus and method for autonomous vehicle navigation using absolute data
77	Travel reservation information and planning system
78	System and a method for enabling a vehicle to track a preset path
79	Computer aided routing and positioning system
80	Method of and apparatus for golf driving range distancing using focal plane array
81	System and method for enabling an autonomous vehicle to track a desired path

	U	1	Document ID	Issue Date	Pages
82			US 5680313 A	19971021	127
83			US 5680306 A	19971021	125
84			US 5657226 A	19970812	126
85			US 5648901 A	19970715	126
86			US 5646845 A	19970708	125
87			US 5646843 A	19970708	125
88			US 5640323 A	19970617	126
89			US 5629855 A	19970513	140
90			US 5615116 A	19970325	126
91			US 5612883 A	19970318	125
92			US 5610815 A	19970311	124
93			US 5555503 A	19960910	141
94			US 5548516 A	19960820	121
95			US 5438517 A	19950801	136

	Title
82	System and method for detecting obstacles in a road
83	System, and method for enabling a vehicle to track a path
84	System and method for causing an autonomous vehicle to track a path
85	System and method for generating paths in an autonomous vehicle
86	System and method for controlling an autonomously navigated vehicle
87	Apparatus and method for surface based vehicle control system
88	System and method for operating an autonomous navigation system
89	System and method for using parabolic models to improve position estimates from a global positioning system
90	Apparatus and method for autonomous vehicle navigation using path data
91	System and method for detecting obstacles in the path of a vehicle
92	Integrated vehicle positioning and navigation system, apparatus and method
93	System and method for providing accurate vehicle positioning using spatial bias techniques
94	Multi-tasked navigation system and method for an autonomous land based vehicle
95	Vehicle position determination system and method

	U	1	Document ID	Issue Date	Pages
96			US 5406491 A	19950411	10
97	X		US 5390125 A	19950214	141
98	X		US 5375059 A	19941220	143
99			US 5181250 A	19930119	93

	<b>Title</b>
<b>96</b>	Navigational system for trip routing
<b>97</b>	Vehicle position determination system and method
<b>98</b>	Vehicle position determination system and method
<b>99</b>	Natural language generation system for producing natural language instructions